

# Customer Information Sheet

DRAWING No.: M22-203XXXX

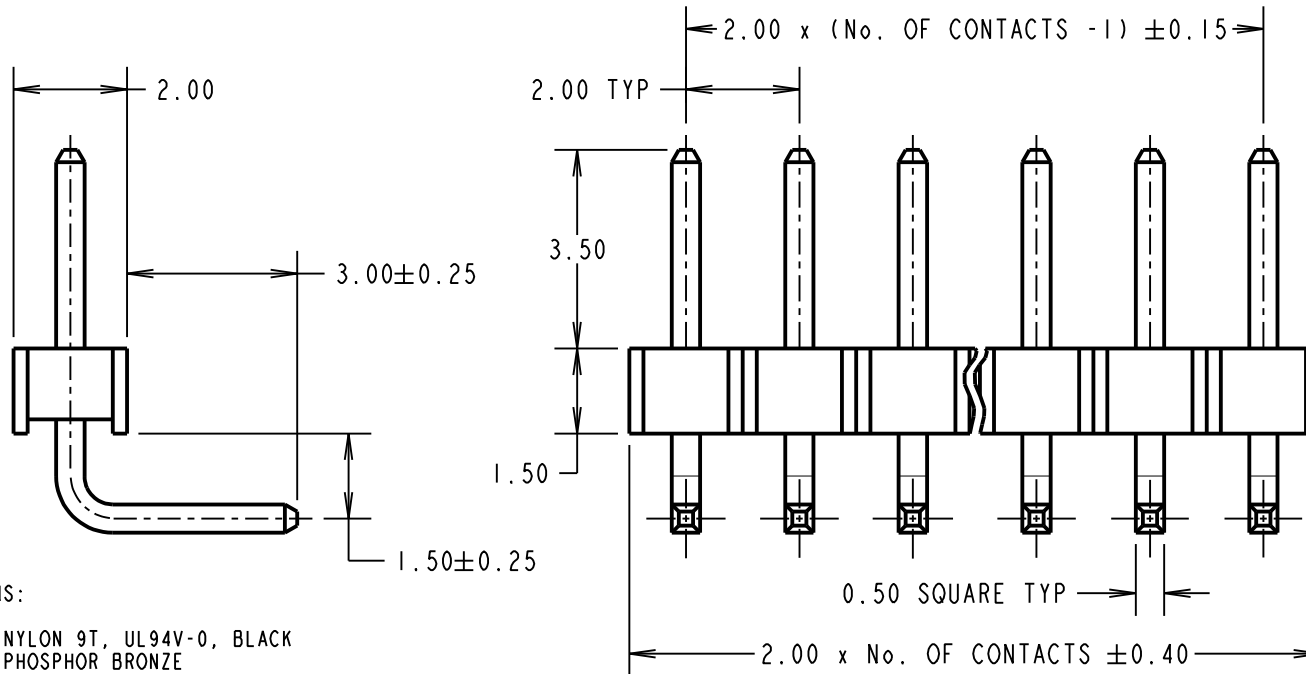
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:  
**M22-203XXXX**  
 No. OF CONTACTS: \_\_\_\_\_  
 02 TO 25, 50  
 FINISH: \_\_\_\_\_  
 05 = GOLD OVER NICKEL  
 46 = 100% TIN OVER NICKEL

**OBSOLETE**  
 All other size/finish combinations not listed below

**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = NYLON 9T, UL94V-0, BLACK  
 CONTACTS = PHOSPHOR BRONZE

**FINISH:**  
 05 = GOLD OVER NICKEL  
 46 = 100% TIN OVER NICKEL

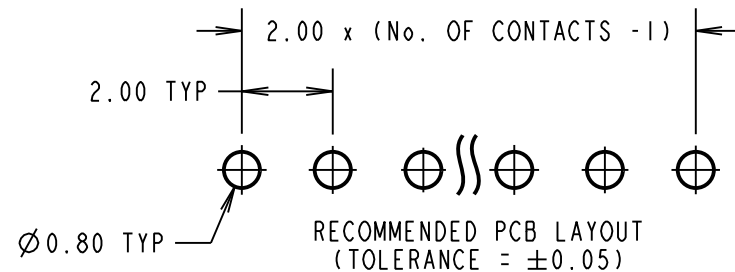
**ELECTRICAL:**  
 CURRENT RATING = 2A  
 VOLTAGE PROOF = 500V AC  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1,000MΩ MIN

**MECHANICAL:**  
**DURABILITY:**  
 05 = 300 OPERATIONS (GOLD)  
 46 = 50 OPERATIONS (TIN)

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**  
 BAG  
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C018XX (LATEST ISSUE)

- Active products:**
- M22-2030205
  - M22-20303XX
  - M22-20304XX
  - M22-2030505
  - M22-20306XX
  - M22-2030746
  - M22-20308XX
  - M22-2030905
  - M22-2031005
  - M22-2031205
  - M22-2031405
  - M22-2032005
  - M22-2032205
  - M22-2032405
  - M22-2035005



**NOTES:**  
 1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

MGP	14	31.05.19	21853
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: MR			
DRAWN: P. D. COLLINS			
CUSTOMER REF.:			
ASSEMBLY DRG:			



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**TOLERANCES**  
~~X = ±1mm~~  
~~X.X = ±0.50mm~~  
~~X.XX = ±0.20mm~~  
~~X.XXX = ±0.1mm~~  
 ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 2.00mm PITCH SIL HORIZONTAL PC TAIL PIN HEADER ASSEMBLY  
**DRAWING NUMBER:**  
**M22-203XXXX**  
 SHT 2 OF 2

# Mouser Electronics

Authorized Distributor

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## Harwin:

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